

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **IMPROVED CONTROL OF ES CELL SELF RENEWAL, AND LINEAGE SPECIFICATION, AND MEDIUM THEREFOR** the specification of which ☐ is attached and/or ☒ was filed on April 17, 2006 as United States Application No. 10/576,358.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
Great Britain	0324270.8	10/16/2003	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Great Britain	0324378.9	10/17/2003	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Great Britain	0325007.3	10/27/2003	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:


Application Number	Date of Filing

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT International filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)
PCT/GB2004/004401	10/15/2004	Completed

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of First Inventor Austin Gerard Smith	Inventor's Signature 	Date 17/10/06
Residence The Institute of Stem Cell Research, Roger Land Building, Kings Buildings, University of Edinburgh, West Mains Road, Edinburgh EH9 3JQ		Citizenship Great Britain
Post Office Address same as above		

Full Name of Second Inventor Qi-Long Ying	Inventor's Signature	Date
Residence The Institute of Stem Cell Research, Roger Land Building, Kings Buildings, University of Edinburgh, West Mains Road, Edinburgh EH9 3JQ		Citizenship China
Post Office Address same as above		
Full Name of Third Inventor Jennifer Nichols	Inventor's Signature <i>Jennifer Nichols</i>	Date 17.10.06
The Institute of Stem Cell Research, Roger Land Building, Kings Buildings, University of Edinburgh, West Mains Road, Edinburgh EH9 3JQ		Citizenship Great Britain
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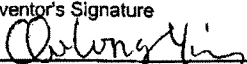
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Full Name of First Inventor Austin Gerard Smith	Inventor's Signature	Date
Residence The Institute of Stem Cell Research, Roger Land Building, Kings Buildings, University of Edinburgh, West Mains Road, Edinburgh EH9 3JQ		Citizenship Great Britain
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Attorney Docket No. 09641.0011-00000

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